

information on the vehicle present location to the vehicle location service or paging service,

whereby information on the present location of the vehicle is made available to an owner or operator of the vehicle.

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~~18~~¹⁷(new). The method of claim ~~41~~, further comprising the step of concealing the presence of at least one of said antenna, said receiver/processor and said cellular telephone on said vehicle.

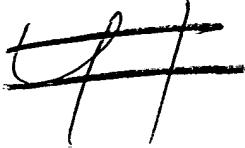
Reply To Examiner's Remarks

Claims 2-9, 14-22 and 27-28, 30, 32-33, 35-36, as amended, and new claims 39-42 are pending for consideration.

The Examiner has indicated that claim 10 would be allowable if rewritten as an independent claim that includes the base claim, former claim 31 and any intervening claims. Claim 10 has been cancelled and rewritten as new independent claim 39, which recites all the features and limitations of former claim 31. The Applicant believes that this action complies with the Examiner's stated requirement and that new independent claim 39 is allowable. New claim 40, which depends upon claim 39, adds the step of concealing at least one of the antenna, the receiver/processor and the cellular telephone on the vehicle, and is believed to be allowable.

The Examiner has indicated that claims 23-24 would be allowable if rewritten as independent claims that include the base claim, former claim 34 and any intervening claims. Claims 23 and 24 have been cancelled and rewritten together as new independent claim 41, which recites all the features and limitations of former claim 34. The Applicant believes that this action complies with the Examiner's stated requirement and that new independent claim 41 is allowable. New claim 42, which depends upon claim 41, adds the step of concealing at least one of the antenna, the receiver/processor and the cellular telephone on the vehicle, and is believed to be allowable.

The Examiner rejects claims 2-9, 27, 29, 31 and 37 under §102(b) as anticipated by the disclosures of U.S. Patent No. 5,043,736, issued to Darnell et



al. Claims 2-8 depend upon rejected claim 31. Claims 2-9 have been amended and now depend upon new claim 39, which is believed to be allowable. Claims 29, 31 and 37 have been cancelled. Claim 27 has been amended and is discussed below.

The Examiner rejects claims 2-8, 14-22, 31, 34, 37 and 38 under §102(b) as anticipated by the disclosures of U.S. Patent No. 5,003,317, issued to Gray et al. Claims 2-8 depend upon rejected claim 31. Claims 2-8 have been amended and now depend upon new claim 39, which is believed to be allowable. Claims 14-22 depend upon rejected claim 34. Claims 14-22 have been amended and now depend upon new claim 41, which is believed to be allowable. Claims 31, 34, 37 and 38 have been cancelled.

The Examiner rejects claims 2-8, 31 and 37 under §102(b) as anticipated by the disclosures of U.S. Patent No. 5,208,756. Claims 2-8 depend upon rejected claim 31. Claims 2-8 have been amended and now depend upon new claim 39, which is believed to be allowable. Claims 31 and 37 have been cancelled.

The Examiner rejects claims 14-22, 34 and 38 under §102(b) as anticipated by the combined disclosures of U.S. Patent No. 5,055,851, issued to Sheffer, and the Song patent. Claims 14-22 depend upon rejected claim 34. Claims 14-22 have been amended and now depend upon new claim 41, which is believed to be allowable. Claims 34 and 38 have been cancelled.

The Darnell et al patent discloses a portable user location system, whereby a user carries a GPS unit that continually determines the user's location. User location information is continually transmitted by a cellular telephone to a central or base station that receives and decodes this information, determines the present locations of a plurality of GPS unit users, and displays these locations graphically on a map showing longitude and latitude. The Darnell invention appears to be intended to be personally carried or for use in fleet vehicle management, where the present locations of a plurality of vehicles are to be continuously determined and displayed, without regard to whether the vehicle is being moved or tampered with in an unauthorized manner.

Independent apparatus claim 27, as amended, recites use of: (1) a GPS type of location determination system, including a GPS signal antenna and receiver/processor, to receive GPS signals and to determine the present location

of the antenna, which is attached to a selected vehicle; (2) a paging response means to receive a paging signal and, in response thereto, to issue a paging response means output signal; (3) controller means, connected to the GPS receiver/processor and to the paging response means, for responding to receipt of a paging response means output signal by issuing a first output signal that commands the receiver/processor to determine and issue an output signal containing the present location of the antenna, and for receiving from the receiver/processor and issuing as a second output signal the present location of the antenna; (4) an activatable cellular telephone, connected to the controller means, for receiving and transmitting the second controller means output signal to a selected telephone number; (5) an activatable power supply that, when activated, delivers power to at least one of the antenna, the receiver/processor, the paging response means, the controller means and the cellular telephone, where the power supply is connected to, and activated by receipt of a paging signal from, the paging response means; and (6) where at least one of the antenna, the receiver/processor and the cellular telephone is concealed on the vehicle. All this apparatus is carried on the selected vehicle.

The Darnell et al invention differs from the invention disclosed in claim 27 of the subject patent application in the following manners. (1) The Darnell et al user location system requires that that GPS unit always be activated and that the associated cellular unit always be transmitting the present location of the user who carries that GPS unit. The invention recited in claim 27 includes a (i) controller means that is activated in response to receipt of a selected paging signal to issue a controller means output signal and to cause the remainder of the apparatus to determine the present location of the vehicle and to transmit this present location information and (ii) an activatable power supply that is activated by receipt of the paging signal or of the controller means output signal. These features are not part of, and would be superfluous on, the Darnell et al user location system. In the invention recited in claim 27 of the patent application, a GPS or other location determining unit and a cellular means are carried on a vehicle, but the combined location determining unit and cellular means are activated only when a receiver carried on the vehicle receives a vehicle location

or paging request signal from a central station. The electrical current or power supplied by a power supply for this combination is thus conserved through maintenance of the system in a "sleep mode" most of the time. The system is activated only when the power supply receives a signal from the paging response means or from the controller means.

(2) The Darnell et al user location system is not hidden, because its presence and use are considered to be natural and expected. In the invention recited in claim 27 of the patent application, at least one part of the vehicle location reporting system (cellular telephone, antenna and/or receiver/processor) carried on the vehicle is hidden or camouflaged, because activation of this system is implemented only under circumstances in which the present "user" of the vehicle should not be alerted to the presence or use of this system to determine the present vehicle location.

The invention disclosed in the Darnell et al patent and the invention recited in claim 27 of the patent application are intended to operate in different and dissimilar environments and with different components and thus do not operate in similar manners. Because of the substantial differences in the environments, components and manners of use of these two inventions, the Applicant submits that the disclosures in the Darnell et al patent do not anticipate the invention recited in claim 27 of the patent application.

The Examiner has indicated that claims 28, 30, 32, 33, 35 and 36 are allowable.

The Applicant believes that claims 2-9, 14-22, 27-28, 30, 32-33, 35-36, as amended, and new claims 39-42 are allowable. The Applicant requests that the Examiner pass the application, including these claims, to issue as a patent.

Respectfully Submitted,

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John Schipper

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